DOCUMENT RESUME

ED 316 573 TM 014 533

TITLE Projections of Public and Nonpublic School Enrollment and High School Graduates to 1998-99, New York State.

INSTITUTION New York State Education Dept., Albany. Information Center on Education.

PUB DATE Nov 89

NOTE 35p.

PUB TYPE Statistical Data (110) -- Reports - Evaluative/Feasibility (142)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS County School Districts; Elementary Secondary Education; *Enrollment Projections; Enrollment Trends; Expectancy Tables; *High School Graduates; High Schools; *Private Schools; *Public Schools; *School Statistics; State Norms; State Surveys

IDENTIFIERS *New York

ABSTRACT

Eight tables providing statistics on projected public and non-public school enrollment and high school graduates for New York State in 1998-99 are presented. The first table covers trends and projections of public and non-public school enrollment in New York State from 1960-61 to 1998-99. Tables 2 through 8 include data for the years 1989-90 to 1998-99. The second table presents projections of public and non-public school enrollment by elementary and secondary grade grouping. The third table provides projections of public school enrollment by grade. The fourth table presents projections of non-public school enrollment by grade. The fifth table provides projections of public school enrollment by region. The sixth table presents projections of non-public school enrollment by region. The seventh table provides projections of regional and county public school enrollment totals. The eighth table presents projections of regional and county totals for high school graduates from public and non-public schools. A summary and discussion of methodology are included. (TJH)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED 318 552

Projections of Public and Nonpublic School Enrollment and High School Graduates to 1998-99 New York State

SCOPE OF INTEREST NOTICE

The ERIC Facility has assigned this document for processing to: TM

In our judgment, this document is also of interest to the Clearinghouses noted to the right. Indexing should reflect their special points of view. EA

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

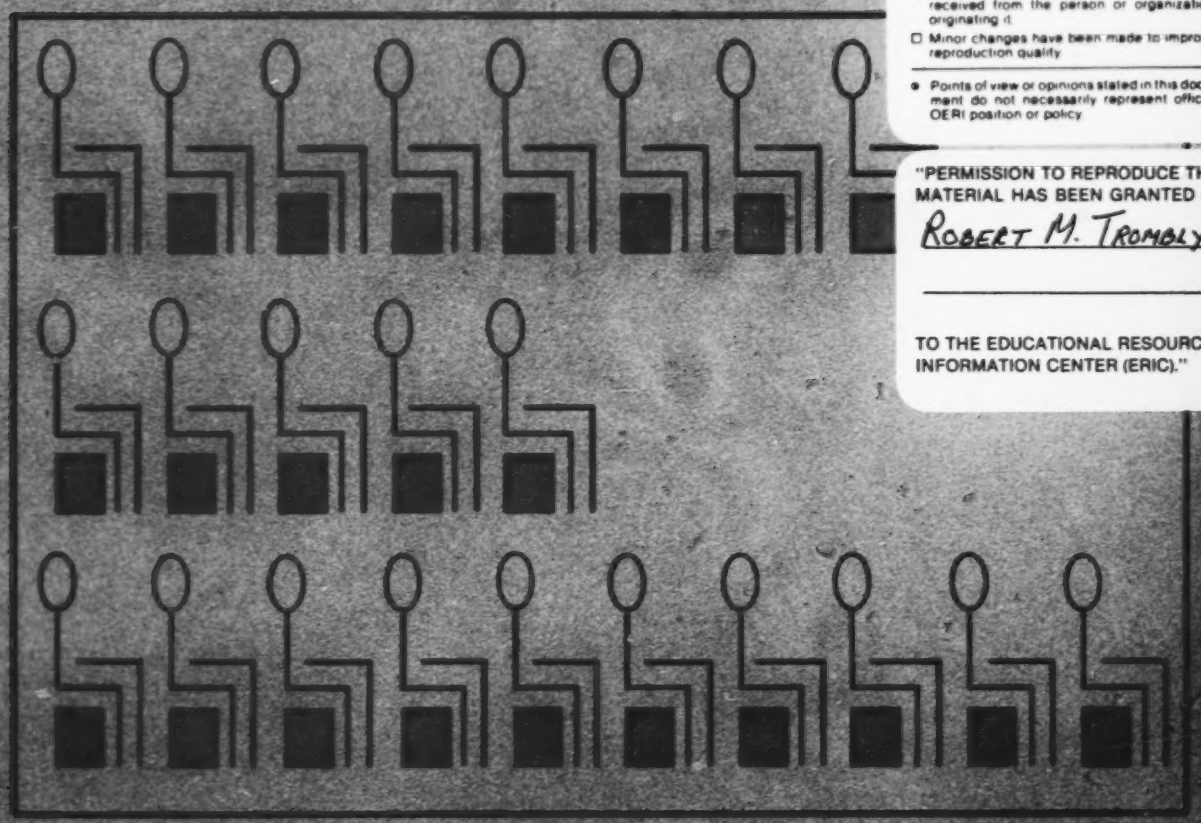
☑ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
Robert M. Tromoly

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."



The University of the State of New York • THE STATE EDUCATION DEPARTMENT
Information Center on Education • Albany, New York 12234

BEST COPY AVAILABLE

PROJECTIONS OF
PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT
AND HIGH SCHOOL GRADUATES
TO 1998-99

NEW YORK STATE

The University of the State of New York
THE STATE EDUCATION DEPARTMENT
Information Center on Education
Albany, New York 12234
November 1989

THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of The University

Martin C. Barell, Chancellor, B.A., I.A., LL.B. ..... Muttontown
R. Carlos Carballada, Vice Chancellor, B.S. ..... Rochester
Willard A. Genrich, LL.B. ..... Buffalo
Emlyn I. Griffith, A.B., J.D. ..... Rome
Jorge L. Batista, B.A., J.D. ..... Bronx
Laura Bradley Chodos, B.A., M.A. ..... Vischer Ferry
Louise P. Matteoni, B.A., M.A., Ph.D. ..... Bayside
J. Edward Meyer, B.A., LL.B. ..... Chappaqua
Floyd S. Linton, A.B., M.A., M.P.A. ..... Miller Place
Mimi Levin Lieber, B.A., M.A. ..... Manhattan
Shirley C. Brown, B.A., M.A., Ph.D. ..... Albany
Norma Gluck, B.A., M.S.W. ..... Manhattan
James W. McCabe, Sr., A.B., M.A. ..... Johnson City
Adelaide L. Sanford, B.A., M.A., P.D. ..... Hollis
Walter Cooper, B.A., Ph.D. ..... Rochester
Gerald J. Lustig, B.A., M.D. ..... Staten Island

President of The University and Commissioner of Education
Thomas Sobol

Executive Deputy Commissioner of Education
Thomas E. Sheldon

Deputy Commissioner for Elementary and Secondary Education
Lionel R. Meno

Assistant Commissioner for Elementary and Secondary Education Planning, Testing and Technological Services
John J. Murphy

Director, Information Center on Education
John J. Stiglmeier

Chief, Bureau of Educational Data Systems
Leonard D. Powell

The State Education Department does not discriminate on the basis of age, color, religion, creed, disability, marital status, veteran status, national origin, race, or sex in the educational programs and activities which it operates. Inquiries concerning this policy of equal opportunity and affirmative action should be referred to the Department's Affirmative Action Officer, Education Building, Albany, NY 12234. Phone (518) 474-1265.

CONTENTS

Table		Page
1	Trends and Projections of Public and Nonpublic School Enrollment, New York State, 1960-61 to 1998-99	1
2	Projections of Public and Nonpublic School Enrollment by Elementary and Secondary Grade Grouping, New York State, 1989-90 to 1998-99	2
3	Projections of Public School Enrollment by Grade, New York State, 1989-90 to 1998-99	3
4	Projections of Nonpublic School Enrollment by Grade, New York State, 1989-90 to 1998-99	4
5	Projections of Public School Enrollment by Region, New York State, 1989-90 to 1998-99	5
6	Projections of Nonpublic School Enrollment by Region, New York State, 1989-90 to 1998-99	6
7	Projections of Public School Enrollment, New York State, Regional and County Totals, 1989-90 to 1998-99	7
8	Projections of High School Graduates in Public and Nonpublic Schools, New York State, Regional and County Totals, 1988-89 to 1998-99	11
	Methodology and Summary	15
	Notes Concerning Projections	17

TABLE 1
TRENDS AND PROJECTIONS OF PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT
NEW YORK STATE
1960-61 TO 1998-99

YEAR	TYPE OF SCHOOL		
	PUBLIC	NONPUBLIC	TOTAL
ACTUAL			
1960-61	2,770,824	841,345	3,612,169
1965-66	3,176,574	884,000	4,060,574
1970-71	3,489,245	787,853	4,277,098
1971-72	3,503,859	753,313	4,257,172
1972-73	3,474,392	718,442	4,192,834
1973-74	3,427,560	678,553	4,106,113
1974-75	3,401,636	643,812	4,045,448
1975-76	3,382,369	621,345	4,003,714
1976-77	3,307,231	606,210	3,913,441
1977-78	3,189,781	588,258	3,778,039
1978-79	3,060,911	583,873	3,644,784
1979-80	2,935,764	580,185	3,515,949
1980-81	2,838,393	579,864	3,418,257
1981-82	2,748,397	576,439	3,324,836
1982-83	2,683,598	570,460	3,254,058
1983-84	2,639,874	564,409	3,204,283
1984-85	2,609,988	547,857	3,157,845
1985-86	2,584,270	532,124	3,116,394
1986-87	2,567,292	517,038	3,084,330
1987-88	2,550,609	503,381	3,053,990
1988-89	2,526,276	491,377	3,017,653
PROJECTED			
1989-90	2,519,341	480,033	2,999,374
1990-91	2,532,808	470,670	3,003,478
1991-92	2,561,307	462,726	3,024,033
1992-93	2,600,190	455,579	3,055,769
1993-94	2,647,984	449,632	3,097,616
1994-95	2,698,370	442,835	3,141,205
1995-96	2,745,833	435,444	3,181,277
1996-97	2,792,597	427,928	3,220,525
1997-98	2,838,325	419,739	3,258,064
1998-99	2,881,751	410,872	3,292,623

TABLE 2
PROJECTIONS OF PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT BY ELEMENTARY AND SECONDARY GRADE GROUPING
NEW YORK STATE
1989-90 TO 1998-99

	ACTUAL		PROJECTED									
GRADE	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
PUBLIC												
K-6	1,350,577	1,369,526	1,385,659	1,405,579	1,427,560	1,452,605	1,484,939	1,516,806	1,547,813	1,580,111	1,607,277	1,632,536
7-12	1,200,032	1,156,750	1,133,682	1,127,229	1,133,747	1,147,585	1,163,045	1,181,564	1,198,020	1,212,486	1,231,048	1,249,215
TOTAL	2,550,609	2,526,276	2,519,341	2,532,808	2,561,307	2,600,190	2,647,984	2,698,370	2,745,833	2,792,597	2,838,325	2,881,751
NONPUBLIC												
K-6	297,340	292,942	287,294	282,551	278,502	275,002	271,793	267,662	263,294	258,506	252,538	245,996
7-12	206,041	198,435	192,739	188,119	184,224	180,577	177,839	175,173	172,150	169,422	167,201	164,876
TOTAL	503,381	491,377	480,033	470,670	462,726	455,579	449,632	442,835	435,444	427,928	419,739	410,872
TOTAL STATE												
K-6	1,647,917	1,662,468	1,672,953	1,688,130	1,706,062	1,727,607	1,756,732	1,784,468	1,811,107	1,838,617	1,859,815	1,878,532
7-12	1,406,073	1,355,185	1,326,421	1,315,348	1,317,971	1,328,162	1,340,884	1,356,737	1,370,170	1,381,908	1,398,249	1,414,091
TOTAL	3,053,990	3,017,653	2,999,374	3,003,478	3,024,033	3,055,769	3,097,616	3,141,205	3,181,277	3,220,525	3,258,064	3,292,623

NOTE: UNGRADED HANDICAPPED ENROLLMENT HAS BEEN APPORTIONED BETWEEN GRADE GROUPS K-6 AND 7-12 BASED ON THE RELATIVE PROPORTIONS IN THE 1988-89 SCHOOL YEAR.

TABLE 3
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT BY GRADE
NEW YORK STATE
1989-90 TO 1998-99

	ACTUAL		PROJECTED									
GRADE	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
K	183,910	185,771	186,015	192,393	195,700	202,049	210,532	212,446	214,262	215,953	217,481	219,148
1	207,689	211,203	213,341	213,623	220,940	224,741	232,034	241,774	243,971	246,062	248,003	249,751
2	192,401	194,350	197,639	199,640	199,900	206,755	210,308	217,131	226,243	228,305	230,256	232,074
3	183,326	186,854	188,752	191,942	193,887	194,142	200,790	204,240	210,867	219,723	221,719	223,620
4	181,309	183,779	187,315	189,213	192,416	194,362	194,620	201,287	204,752	211,396	220,269	222,271
5	174,289	176,457	178,854	182,301	184,148	187,266	189,159	189,408	195,905	199,267	205,735	214,371
6	172,021	176,061	178,254	180,681	184,156	186,020	189,170	191,085	191,334	197,896	201,298	207,828
7	180,815	180,283	184,519	186,808	189,358	193,001	194,961	198,253	200,261	200,526	207,398	210,964
8	171,808	172,302	171,791	175,832	178,017	180,440	183,914	185,777	188,917	190,832	191,091	197,632
9	207,361	202,098	202,676	202,080	206,832	209,403	212,253	216,334	218,533	222,230	224,478	224,775
10	203,499	191,947	187,081	187,610	187,062	191,451	193,839	196,475	200,255	202,291	205,708	207,785
11	201,482	187,652	177,002	172,510	173,002	172,491	176,545	178,741	181,176	184,665	186,543	189,688
12	172,904	161,593	150,499	141,954	138,361	138,756	138,347	141,597	143,359	145,308	148,104	149,609
UNGRADED HANDICAPPED	117,795	115,926	115,603	116,221	117,528	119,313	121,512	123,822	125,998	128,143	130,242	132,235
TOTAL	2,550,609	2,526,276	2,519,341	2,532,808	2,561,307	2,600,190	2,647,984	2,698,370	2,745,833	2,792,597	2,838,325	2,881,751

TABLE 4
PROJECTIONS OF NONPUBLIC SCHOOL ENROLLMENT BY GRADE
NEW YORK STATE
1989-90 TO 1998-99

GRADE	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
K	46,884	46,423	44,515	44,457	43,596	43,351	43,444	42,124	40,763	39,357	37,913	36,433
1	45,276	44,830	44,407	42,575	42,517	41,695	41,460	41,550	40,288	38,987	37,642	36,265
2	42,276	42,176	41,779	40,633	39,658	39,605	38,842	38,621	38,705	37,530	36,320	35,064
3	40,830	40,107	40,039	39,671	38,575	37,650	37,599	36,877	36,667	36,747	35,628	34,479
4	39,261	38,662	38,000	37,953	37,608	36,562	35,686	35,638	34,958	34,757	34,831	33,771
5	39,117	37,585	37,013	36,394	36,362	36,041	35,033	34,195	34,147	33,496	33,296	33,371
6	38,229	37,544	36,085	35,531	34,955	34,956	34,661	33,673	32,870	32,823	32,196	32,006
7	36,988	36,713	36,072	34,670	34,117	33,582	33,609	33,341	32,380	31,606	31,560	30,960
8	35,925	34,940	34,687	34,072	32,756	32,236	31,726	31,755	31,511	30,589	29,863	29,819
9	31,630	31,090	30,270	30,069	29,522	28,399	27,932	27,493	27,548	27,357	26,535	25,904
10	30,435	29,274	28,781	28,023	27,840	27,331	26,288	25,854	25,445	25,495	25,319	24,553
11	30,995	28,661	27,573	27,118	26,414	26,248	25,774	24,795	24,386	24,015	24,062	23,900
12	31,328	29,009	26,823	25,820	25,394	24,738	24,584	24,140	23,221	22,839	22,493	22,535
UNGRADED HANDICAPPED	14,207	14,363	13,989	13,684	13,412	13,185	12,994	12,779	12,555	12,330	12,081	11,812
TOTAL	503,381	491,377	480,033	470,670	462,726	455,579	449,632	442,835	435,444	427,928	419,739	410,872

NOTE: "UNGRADED HANDICAPPED" INCLUDES ENROLLMENT IN UNGRADED CLASSES FOR STUDENTS WITH HANDICAPPING CONDITIONS IN NONPUBLIC SCHOOLS PLUS ALL STUDENTS IN SCHOOLS OPERATED BY NEW YORK STATE AGENCIES (OFFICE OF MENTAL HEALTH, OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES, DEPARTMENT OF CORRECTIONAL SERVICES, DIVISION FOR YOUTH AND STATE EDUCATION DEPARTMENT).

TABLE 5
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT BY REGION
NEW YORK STATE
1989-90 TO 1998-99

REGION	ACTUAL 1987-88	ACTUAL 1988-89	PROJECTED 1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
NEW YORK CITY REGION	933,206	925,246	923,940	928,511	939,070	954,063	972,972	993,078	1,012,333	1,031,673	1,051,494	1,071,604
NASSAU-SUFFOLK REGION	400,676	390,881	385,678	384,857	386,738	389,856	396,368	402,957	410,006	417,651	425,472	433,489
MID-HUDSON REGION	281,966	278,260	277,284	279,879	284,148	290,896	298,771	306,623	314,057	321,839	329,409	336,453
UPPER HUDSON REGION	147,423	147,513	147,784	149,275	151,481	154,110	157,097	160,091	162,949	165,516	167,845	169,940
LAKE GEORGE-LAKE CHAMPLAIN REGION	40,588	40,523	40,452	40,648	41,052	41,625	42,181	42,837	43,412	43,920	44,365	44,796
BLACK RIVER-ST. LAWRENCE REGION	50,851	51,391	51,653	51,973	52,430	53,377	54,481	55,664	56,720	57,553	58,336	59,024
UPPER MOHAWK VALLEY REGION	51,381	51,335	51,195	51,418	51,918	52,435	52,782	53,222	53,641	53,842	54,031	54,086
CENTRAL REGION	129,149	128,810	129,165	130,356	132,114	134,151	136,127	138,437	140,326	142,086	143,750	145,108
SOUTHERN TIER EAST REGION	82,512	82,162	82,075	82,613	83,601	84,697	85,829	86,993	88,052	88,975	89,789	90,502
SOUTHERN TIER CENTRAL REGION	35,824	35,885	35,654	35,659	35,807	36,073	36,262	36,459	36,526	36,416	36,361	36,135
SOUTHERN TIER WEST REGION	51,238	50,997	50,910	51,107	51,514	51,651	51,770	51,956	51,999	52,055	52,037	51,876
GENESEE-FINGER LAKES REGION	172,621	171,710	172,395	174,619	177,786	181,393	185,117	189,175	192,684	195,928	198,661	200,852
WESTERN REGION	173,174	171,563	171,156	171,893	173,648	175,863	178,227	180,878	183,128	185,143	186,775	187,886
TOTAL STATE	2,550,609	2,526,276	2,519,341	2,532,808	2,561,307	2,600,190	2,647,984	2,698,370	2,745,833	2,792,597	2,838,325	2,881,751

TABLE 6
PROJECTIONS OF NONPUBLIC SCHOOL ENROLLMENT BY REGION
NEW YORK STATE
1989-90 TO 1998-99

REGION	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
NEW YORK CITY REGION	279,041	274,462	269,749	265,313	261,497	257,962	255,128	251,741	247,803	243,761	239,380	234,495
NASSAU-SUFFOLK REGION	55,336	53,771	52,402	51,424	50,418	49,363	48,458	47,470	46,557	45,646	44,726	43,794
MID-HUDSON REGION	56,893	56,254	55,885	55,665	55,527	55,364	55,194	54,781	54,290	53,741	53,021	52,186
UPPER HUDSON REGION	19,458	18,023	16,716	15,614	14,704	13,993	13,433	12,908	12,425	11,996	11,587	11,222
LAKE GEORGE-LAKE CHAMPLAIN REGION	3,471	3,353	3,240	3,156	3,101	3,061	3,003	2,955	2,908	2,867	2,810	2,754
BLACK RIVER-ST. LAWRENCE REGION	4,155	4,157	4,123	4,072	4,024	3,961	3,909	3,854	3,795	3,721	3,639	3,549
UPPER MOHAWK VALLEY REGION	4,832	4,584	4,462	4,342	4,278	4,222	4,178	4,122	4,084	4,012	3,934	3,857
CENTRAL REGION	10,355	9,850	9,515	9,253	9,039	8,826	8,691	8,525	8,337	8,149	7,941	7,743
SOUTHERN TIER EAST REGION	5,049	4,899	4,716	4,553	4,426	4,310	4,198	4,093	3,982	3,880	3,769	3,650
SOUTHERN TIER CENTRAL REGION	2,770	2,561	2,361	2,193	2,067	1,964	1,884	1,809	1,742	1,681	1,627	1,570
SOUTHERN TIER WEST REGION	3,550	3,076	2,786	2,581	2,403	2,261	2,154	2,068	1,997	1,938	1,879	1,825
GENESEE-FINGER LAKES REGION	23,416	22,374	21,314	20,586	20,056	19,644	19,252	18,862	18,440	18,034	17,570	17,078
WESTERN REGION	35,055	34,013	32,764	31,918	31,186	30,648	30,150	29,647	29,084	28,502	27,856	27,149
TOTAL STATE	503,381	491,377	480,033	470,670	462,726	455,579	449,632	442,835	435,444	427,928	419,739	410,872

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1989-90 TO 1998-99

REGION/ COUNTY	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
NEW YORK CITY REGION	933,206	925,246	923,940	928,511	939,070	954,063	972,972	993,078	1,012,333	1,031,673	1,051,494	1,071,604
NASSAU-SUFFOLK REGION	400,676	390,881	385,678	384,857	386,738	389,856	396,368	402,957	410,006	417,651	425,472	433,489
NASSAU	181,085	177,108	173,861	171,590	170,593	171,764	173,952	176,242	179,032	181,693	184,492	187,208
SUFFOLK	238,963	233,735	227,995	222,615	218,490	217,039	216,865	217,032	218,119	219,265	220,633	222,039
MID-HUDSON REGION	281,966	278,260	277,284	279,879	284,148	290,896	298,771	306,623	314,057	321,839	329,409	336,453
DUTCHESS	39,293	39,115	38,685	38,531	38,731	39,317	40,117	40,960	41,836	42,734	43,447	44,056
ORANGE	49,445	50,136	50,721	51,090	51,854	53,066	54,522	56,177	57,664	59,179	60,378	61,342
PUTNAM	12,921	12,853	12,817	12,851	12,857	13,037	13,253	13,508	13,788	14,083	14,306	14,505
ROCKLAND	40,237	38,712	37,645	36,723	36,261	36,333	36,582	36,855	37,262	37,802	38,272	38,911
SULLIVAN	9,867	10,076	10,229	10,414	10,545	10,873	11,125	11,383	11,635	11,800	11,926	11,950
ULSTER	25,457	25,402	25,263	25,158	25,290	25,505	25,815	26,286	26,685	27,121	27,556	27,945
WESTCHESTER	111,039	109,128	107,233	105,803	105,065	105,738	107,181	108,696	110,560	112,365	113,965	115,571
UPPER HUDSON REGION	147,423	147,513	147,784	149,275	151,481	154,110	157,097	160,091	162,949	165,516	167,845	169,940
ALBANY	34,574	34,641	34,343	34,044	33,927	34,158	34,528	35,061	35,540	35,963	36,408	36,616
COLUMBIA	9,719	9,729	9,703	9,717	9,712	9,788	9,931	10,146	10,391	10,600	10,798	10,908
FULTON	9,755	9,782	9,806	9,807	9,776	9,777	9,795	9,845	9,854	9,853	9,881	9,782
GREENE	6,623	6,575	6,527	6,478	6,489	6,565	6,649	6,726	6,791	6,865	6,892	6,949
MONTGOMERY	8,235	8,288	8,233	8,154	8,102	8,087	8,080	8,138	8,222	8,279	8,311	8,283
RENSSELAER	22,575	22,450	22,123	21,761	21,465	21,434	21,516	21,622	21,784	22,003	22,132	22,279
SARATOGA	30,992	30,877	30,621	30,346	30,088	30,138	30,491	30,952	31,412	31,864	32,249	32,668
SCHENECTADY	20,122	20,121	19,911	19,786	19,721	19,872	20,161	20,441	20,773	21,018	21,234	21,385
SCHOHARIE	5,466	5,543	5,614	5,637	5,622	5,663	5,706	5,732	5,795	5,867	5,910	5,898

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1989-90 TO 1998-99
(CONTINUED)

REGION/ COUNTY	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
LAKE GEORGE-LAKE CHAMPLAIN REGION	40,588	40,523	40,452	40,648	41,052	41,625	42,181	42,837	43,412	43,920	44,365	44,796
CLINTON	13,501	13,539	13,473	13,299	13,188	13,190	13,198	13,226	13,366	13,518	13,611	13,715
ESSEX	5,109	4,960	4,898	4,776	4,720	4,692	4,722	4,781	4,850	4,920	4,981	5,022
HAMILTON	778	787	774	749	744	732	720	707	692	686	681	664
WARREN	10,451	10,477	10,386	10,300	10,198	10,240	10,292	10,371	10,458	10,560	10,605	10,599
WASHINGTON	10,935	10,822	10,629	10,435	10,321	10,271	10,282	10,351	10,400	10,505	10,601	10,686
BLACK RIVER-ST. LAWRENCE REGION	50,851	51,391	51,653	51,973	52,430	53,377	54,481	55,664	56,720	57,553	58,336	59,024
FRANKLIN	8,733	8,657	8,528	8,395	8,315	8,286	8,287	8,352	8,385	8,433	8,448	8,425
JEFFERSON	16,509	16,799	16,842	16,864	16,937	16,965	17,129	17,373	17,560	17,779	17,866	17,883
LEWIS	5,072	5,182	5,241	5,232	5,282	5,306	5,363	5,446	5,485	5,529	5,551	5,536
ST. LAWRENCE	20,001	19,646	19,161	18,640	18,105	17,776	17,488	17,316	17,145	16,987	16,859	16,762
UPPER MOHAWK VALLEY REGION	51,381	51,335	51,195	51,418	51,918	52,435	52,782	53,222	53,641	53,842	54,031	54,086
HERKIMER	12,281	12,079	11,971	11,882	11,655	11,530	11,496	11,492	11,537	11,592	11,661	11,670
ONEIDA	40,320	39,915	39,139	38,610	38,257	38,289	38,494	38,781	39,097	39,479	39,715	39,793
CENTRAL REGION	129,149	128,810	129,165	130,356	132,114	134,151	136,127	138,437	140,326	142,086	143,750	145,108
CAYUGA	12,566	12,612	12,530	12,422	12,348	12,341	12,386	12,536	12,710	12,817	12,894	12,862
CORTLAND	8,118	7,970	7,797	7,592	7,445	7,380	7,287	7,290	7,252	7,212	7,138	7,113
MADISON	12,425	12,305	12,090	11,885	11,711	11,576	11,561	11,592	11,639	11,686	11,721	11,732
ONONDAGA	73,334	73,137	72,557	72,170	72,368	73,118	74,102	75,225	76,286	77,592	78,568	79,285
OSWEGO	24,662	24,269	23,911	23,468	23,237	23,074	23,018	22,959	23,018	23,079	22,996	22,995

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1989-90 TO 1998-99
(CONTINUED)

REGION/ COUNTY	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
SOUTHERN TIER EAST REGION	82,512	82,162	82,075	82,613	83,601	84,697	85,829	86,993	88,052	88,975	89,789	90,502
BROOME	33,429	33,166	32,722	32,052	31,766	31,779	32,068	32,496	32,827	33,210	33,601	33,885
CHENANGO	10,555	10,385	10,239	10,069	9,932	9,966	9,997	10,020	10,108	10,152	10,155	10,118
DELAWARE	8,189	8,239	8,221	8,220	8,242	8,257	8,280	8,344	8,389	8,450	8,465	8,480
OTSEGO	9,008	9,042	9,104	9,155	9,208	9,284	9,424	9,608	9,814	9,979	10,097	10,172
TIOGA	9,751	9,687	9,697	9,704	9,758	9,980	10,231	10,491	10,798	11,060	11,239	11,430
TOMPKINS	12,163	12,209	12,080	11,994	12,053	12,177	12,385	12,537	12,737	12,919	13,075	13,143
SOUTHERN TIER CENTRAL REGION	35,824	35,885	35,654	35,659	35,807	36,073	36,262	36,459	36,526	36,416	36,361	36,135
CHEMUNG	14,192	14,102	13,926	13,715	13,500	13,433	13,450	13,422	13,412	13,425	13,377	13,299
SCHUYLER	2,706	2,605	2,558	2,473	2,440	2,349	2,301	2,284	2,267	2,235	2,200	2,183
STEUBEN	19,580	19,539	19,298	19,101	18,903	18,923	18,963	19,098	19,109	19,187	19,195	19,073
SOUTHERN TIER WEST REGION	51,238	50,997	50,910	51,107	51,514	51,651	51,770	51,956	51,999	52,055	52,037	51,876
ALLEGANY	9,286	9,189	9,014	8,813	8,644	8,465	8,392	8,335	8,317	8,312	8,296	8,229
CATTARAUGUS	17,085	17,006	16,858	16,678	16,579	16,623	16,710	16,850	17,007	17,143	17,261	17,387
CHAUTAUQUA	25,203	25,185	25,022	24,783	24,539	24,517	24,589	24,725	24,841	24,995	25,007	25,062

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1989-90 TO 1998-99
(CONCLUDED)

REGION/ COUNTY	ACTUAL		PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
GENESEE-FINGER LAKES REGION	172,621	171,710	172,395	174,619	177,786	181,393	185,117	189,175	192,684	195,928	198,661	200,852
GENESEE	10,626	10,530	10,408	10,214	10,054	10,055	10,121	10,193	10,277	10,395	10,459	10,484
LIVINGSTON	9,636	9,603	9,593	9,516	9,572	9,621	9,735	9,929	10,065	10,209	10,288	10,345
MONROE	102,786	102,526	101,710	100,803	100,913	102,016	103,627	105,523	107,410	109,387	111,025	112,443
ONTARIO	16,580	16,486	16,397	16,312	16,246	16,417	16,717	17,031	17,369	17,695	17,963	18,120
ORLEANS	7,960	8,018	8,023	7,967	7,882	7,911	8,039	8,167	8,320	8,443	8,503	8,544
SENECA	5,287	5,313	5,262	5,207	5,150	5,156	5,235	5,261	5,318	5,389	5,428	5,474
WAYNE	17,770	17,653	17,557	17,315	17,235	17,279	17,424	17,600	17,803	18,071	18,272	18,399
YATES	3,123	3,044	2,993	2,943	2,905	2,871	2,880	2,915	2,964	3,015	3,036	3,096
WESTERN REGION	173,174	171,563	171,156	171,893	173,648	175,863	178,227	180,878	183,128	185,143	186,775	187,886
ERIE	135,986	133,253	130,495	127,692	125,921	125,355	125,525	126,067	127,023	128,165	128,822	129,347
NIAGARA	35,000	34,651	33,989	33,246	32,670	32,417	32,302	32,294	32,329	32,458	32,549	32,586
WYOMING	5,960	6,091	6,160	6,186	6,269	6,308	6,389	6,471	6,554	6,610	6,628	6,628
TOTAL STATE	2,550,609	2,526,276	2,519,341	2,532,808	2,561,307	2,600,190	2,647,984	2,698,370	2,745,833	2,792,597	2,838,325	2,881,751

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1988-89 TO 1998-99

REGION/ COUNTY	ACTUAL	PROJECTED										
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
NEW YORK CITY REGION	55,082	51,972	50,578	48,222	47,285	47,656	47,624	47,786	47,864	47,150	47,352	47,245
NASSAU-SUFFOLK REGION	38,228	35,308	31,965	30,173	30,243	29,259	29,492	29,171	28,720	28,752	28,663	28,641
NASSAU	17,745	16,193	14,971	14,222	14,529	14,298	14,550	14,452	14,209	14,489	14,453	14,578
SUFFOLK	20,483	19,115	16,994	15,951	15,714	14,961	14,942	14,719	14,511	14,263	14,210	14,063
MID-HUDSON REGION	25,684	23,477	21,122	20,152	19,426	19,324	19,524	19,987	19,662	20,068	20,600	20,644
DUTCHESS	3,308	2,999	2,742	2,480	2,343	2,410	2,393	2,452	2,463	2,466	2,571	2,566
ORANGE	3,944	3,589	3,260	3,176	2,987	3,104	3,029	3,180	3,120	3,215	3,348	3,373
PUTNAM	968	919	838	754	756	754	792	856	863	854	905	909
ROCKLAND	3,962	3,631	3,306	3,271	3,290	3,229	3,174	3,236	3,076	3,200	3,192	3,203
SULLIVAN	665	663	594	583	560	546	596	619	687	696	654	705
ULSTER	1,888	1,764	1,666	1,654	1,610	1,657	1,670	1,678	1,630	1,684	1,803	1,834
WESTCHESTER	10,949	9,912	8,716	8,234	7,880	7,624	7,870	7,966	7,823	7,953	8,127	8,054
UPPER HUDSON REGION	12,384	11,587	10,871	10,251	9,818	9,740	9,790	9,970	10,211	10,527	10,559	11,010
ALBANY	3,098	2,918	2,632	2,426	2,322	2,358	2,419	2,338	2,456	2,573	2,540	2,708
COLUMBIA	757	698	718	698	733	761	793	746	837	766	803	822
FULTON	676	666	621	580	545	557	535	518	592	586	603	606
GREENE	501	454	460	459	456	522	465	509	462	538	497	519
MONTGOMERY	670	643	608	572	546	534	534	570	642	609	616	644
RENSSELAER	2,127	1,912	1,748	1,653	1,484	1,385	1,325	1,468	1,378	1,453	1,448	1,493
SARATOGA	2,442	2,380	2,284	2,177	2,097	2,120	2,198	2,260	2,263	2,344	2,405	2,520
SCHENECTADY	1,675	1,491	1,424	1,301	1,233	1,149	1,173	1,190	1,215	1,286	1,260	1,325
SCHOHARIE	438	425	376	385	402	354	348	371	366	372	387	373

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1988-89 TO 1998-99
(CONTINUED)

REGION/ COUNTY	ACTUAL	PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
LAKE GEORGE-LAKE CHAMPLAIN REGION	3,288	3,173	3,039	2,870	2,713	2,741	2,640	2,751	2,788	2,885	2,878	3,001
CLINTON	1,071	1,093	1,020	966	930	925	890	958	919	967	1,014	1,018
ESSEX	457	415	472	400	387	383	370	370	392	403	362	417
HAMILTON	69	67	61	58	53	59	61	59	64	78	76	80
WARREN	880	816	747	728	658	659	628	661	709	684	705	739
WASHINGTON	811	782	739	718	685	715	691	703	704	753	721	747
BLACK RIVER-ST. LAWRENCE REGION	3,869	3,861	3,623	3,497	3,268	3,497	3,469	3,591	3,771	3,838	3,918	4,092
FRANKLIN	693	731	676	631	573	644	595	598	649	632	595	694
JEFFERSON	1,253	1,230	1,235	1,192	1,149	1,245	1,250	1,373	1,527	1,610	1,682	1,733
LEWIS	412	360	371	332	324	348	359	344	381	374	401	403
ST. LAWRENCE	1,511	1,540	1,341	1,342	1,222	1,262	1,265	1,276	1,214	1,222	1,240	1,262
UPPER MOHAWK VALLEY REGION	4,037	3,913	3,580	3,316	3,303	3,305	3,235	3,267	3,485	3,499	3,604	3,683
HERKIMER	840	896	839	767	760	775	772	757	847	817	845	876
ONEIDA	3,197	3,017	2,741	2,549	2,543	2,530	2,463	2,510	2,638	2,682	2,759	2,807
CENTRAL REGION	9,819	9,140	8,473	8,023	7,705	7,747	7,504	7,980	8,109	8,223	8,491	8,656
CAYUGA	993	966	897	835	783	738	769	848	919	857	884	966
CORTLAND	595	569	506	515	430	479	449	499	448	447	500	451
MADISON	928	882	842	742	713	698	737	742	750	765	811	832
ONONDAGA	5,554	5,175	4,715	4,479	4,370	4,466	4,210	4,384	4,519	4,541	4,700	4,805
OSWEGO	1,749	1,548	1,513	1,452	1,409	1,366	1,339	1,507	1,473	1,613	1,596	1,602

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1988-89 TO 1998-99
(CONTINUED)

REGION/ COUNTY	ACTUAL	PROJECTED									
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
SOUTHERN TIER EAST REGION	6,510	6,037	5,429	5,174	5,052	5,104	5,103	5,249	5,374	5,501	5,586	5,745
BROOME	2,823	2,561	2,371	2,169	2,103	2,209	2,159	2,103	2,189	2,277	2,314	2,401
CHENANGO	845	779	656	692	670	613	644	703	699	646	734	683
DELAWARE	581	582	504	514	481	488	474	519	528	517	481	514
OTSEGO	686	627	625	570	502	509	531	568	543	587	569	578
TIOGA	692	687	581	570	592	555	568	627	622	652	629	709
TOMPKINS	883	801	692	659	704	730	727	729	793	822	859	860
SOUTHERN TIER CENTRAL REGION	2,839	2,764	2,484	2,361	2,297	2,347	2,331	2,462	2,622	2,585	2,731	2,646
CHEMUNG	1,183	1,119	983	907	960	937	928	974	1,042	1,071	1,124	1,090
SCHUYLER	192	192	172	158	152	149	172	165	160	144	176	152
STEUBEN	1,464	1,453	1,329	1,296	1,185	1,261	1,231	1,323	1,420	1,370	1,431	1,404
SOUTHERN TIER WEST REGION	3,896	3,738	3,563	3,327	3,307	3,329	3,305	3,452	3,454	3,529	3,659	3,648
ALLEGANY	742	679	683	636	642	606	599	582	608	519	572	564
CATTARAUGUS	1,314	1,244	1,200	1,124	1,139	1,113	1,133	1,163	1,168	1,204	1,261	1,283
CHAUTAUQUA	1,840	1,815	1,680	1,567	1,526	1,610	1,573	1,707	1,678	1,806	1,826	1,801

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1988-89 TO 1998-99
(CONCLUDED)

REGION/ COUNTY	ACTUAL	PROJECTED										
	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
GENESEE-FINGER LAKES REGION	14,760	13,341	12,007	11,140	10,690	10,848	10,558	11,142	11,331	11,894	12,334	12,704
GENESEE	904	845	766	700	699	684	664	692	734	742	758	782
LIVINGSTON	812	700	707	650	618	667	667	710	719	744	815	768
MONROE	9,139	8,069	7,190	6,695	6,316	6,484	6,358	6,633	6,671	7,059	7,386	7,604
ONTARIO	1,300	1,343	1,120	1,061	1,044	1,019	985	1,074	1,177	1,189	1,159	1,254
ORLEANS	605	550	505	480	475	471	464	530	532	619	578	665
SENECA	446	418	406	346	395	368	344	357	365	389	403	417
WAYNE	1,280	1,179	1,090	1,007	947	953	888	911	939	945	1,021	976
YATES	274	237	223	201	196	202	188	235	194	207	214	238
WESTERN REGION	15,716	14,731	13,528	12,615	12,156	12,084	11,854	12,304	12,504	12,936	13,352	13,504
ERIE	12,585	11,797	10,829	10,070	9,672	9,588	9,411	9,855	9,908	10,224	10,492	10,682
NIAGARA	2,690	2,529	2,276	2,154	2,065	2,109	2,046	2,056	2,178	2,279	2,445	2,385
WYOMING	441	405	423	391	419	387	397	393	418	433	415	437
TOTAL STATE	196,112	183,042	170,262	161,121	157,263	156,981	156,429	159,112	159,895	161,387	163,727	165,219

ENROLLMENT AND HIGH SCHOOL GRADUATE PROJECTION MODEL
NEW YORK STATE EDUCATION DEPARTMENT
METHODOLOGY

The methodology for projecting K-12 enrollment and high school graduates is the cohort-survival model. The model requires three basic inputs:

1. Actual enrollment by grade for the most recent year available (base year, 1988-89);

2. Grade-to-grade retention ratios[a/] for grades K through 11 and the ratio of graduates to grade 12;

3. Projected entering cohorts (second grades) for 1989-90 through 2000-01.

The following describes the strategy for projecting entering second grade cohorts for 1989-90 through 2000-01 for the current projection:

1. Since the second grade cohorts for 1989-90 and 1990-91 are presently enrolled in school (1988-89 first graders and kindergartners respectively), these cohorts were derived by applying the appropriate grade-to-grade retention ratios[a/]. This process also produces 1989-90 grade 1.

2. To project second grade cohorts for 1991-92 through 2000-01, the ratio of second grade enrollment to the number of births seven years earlier (birth persistence ratio) was calculated for each second grade from 1979-80 through 1988-89. Since the majority of second graders are seven years old, the number of births in a particular year is the best available predictor for the number of second graders seven years in the future. The birth persistence ratio was projected for 1991-92 through 2000-01 by averaging the ratios for the previous ten years, but assigning weightings so that the most recent data have the most impact on the projected ratios. To complete the second grade projection through 2000-01, the above procedure was applied using actual birth data for 1984 through 1988 and projected birth figures for 1989 through 1993 derived principally from population projections available from the New York State Department of Commerce.

To determine retention and graduate ratios, the historical trend of ratios over the last decade was studied to search for patterns which might be extrapolated. It was decided that the most appropriate strategy was to use the most recent two-years of actual enrollment data to complete these ratios. The resulting ratios were held constant for the entire projection period, 1989-90 through 1988-89.

[a/] A retention ratio for a grade is calculated by dividing enrollment in that grade into enrollment in the next higher grade in the following year. For the current projection, enrollments for Fall 1987 and Fall 1988 from the Basic Educational Data System (BEDS) were used.

When the above inputs were determined, the following calculations were performed to complete the projection:

1. The row of projected second grades was entered for 1989-90 through 2000-01.

2. The column of grade-by-grade base enrollment was entered for 1988-89.

3. For each of Grades K-12 in the base year (1988-89), enrollment was multiplied by its corresponding retention ratio to project enrollment in the next higher grade for 1989-90.

4. The projected enrollment in each grade, 1 through 11, for 1989-90 was multiplied by its corresponding retention ratio to project enrollment in the next higher grade for 1990-91.

5. The process was continued in an iterative fashion until the projection for grades 2 through 12 was completed through 1998-99.

6. First grade for 1990-91 was projected by dividing the projected 1991-92 enrollment in second grade by the retention ratio from first to second grade.

7. Step 6 was continued until first grade was projected through 1999-2000.

8. Kindergarten for 1989-90 was projected by dividing the projected 1990-91 enrollment in first grade by the retention ratio from kindergarten to first grade.

9. Step 8 was continued until kindergarten was projected through 1998-99.

10. Enrollment in special ungraded classes for handicapped children was projected by multiplying projected enrollment in grades K-12 by a ratio determined by the proportion of students in the 1988-89 school year enrolled in special classes.

11. High school graduates for 1988-89 were estimated by multiplying the enrollment in grade 12 for 1988-89 by the ratio of June 1988 graduates to enrollment in grade 12 in 1987-88.

12. High school graduates for 1989-90 were projected by multiplying the projected enrollment in grade 12 for 1989-90 by the same ratio.

13. Step 12 was continued until graduates were projected through 1998-99.

The above procedures completed the projection for enrollment by grade and high school graduates through 1998-99.

Independent projections were made for the public and nonpublic school sectors using the above methodology.

Success of the model is dependent primarily on the precise determination of the entering second grade cohorts over the projection period and the computation of the most appropriate retention ratios in view of historical patterns and the effects of recent migration experiences.

NOTES CONCERNING PROJECTIONS

1. Public school projections do not include enrollment in BOCES programs. This figure was 22,434 for 1988-89 and is expected to remain stable over the length of the projection period.

2. Nonpublic school enrollment figures include schools operated or supported by State agencies. Because of the special characteristics of their populations, these enrollments are considered to be "Ungraded" and are projected in this category. The total number of such students for 1988-89 was 6,804.